

Fig. 1

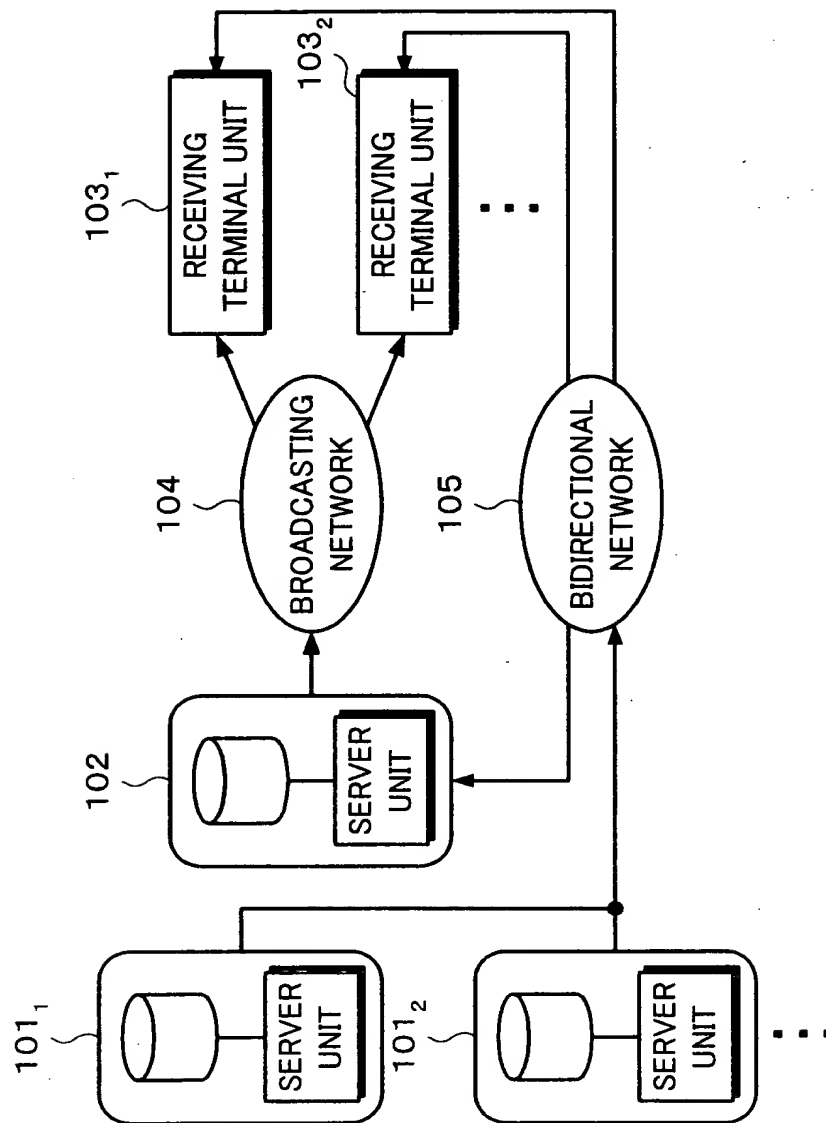


Fig. 2

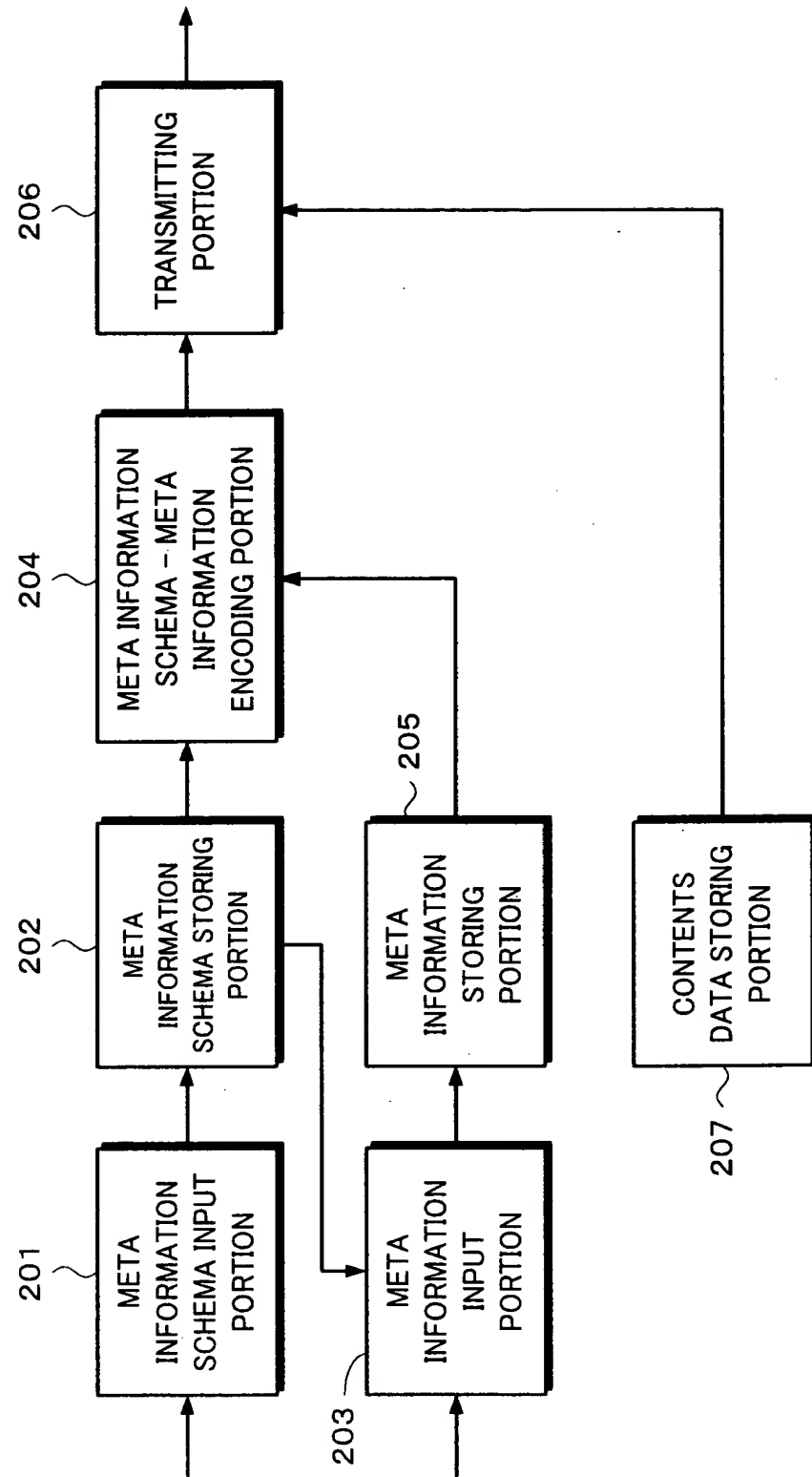
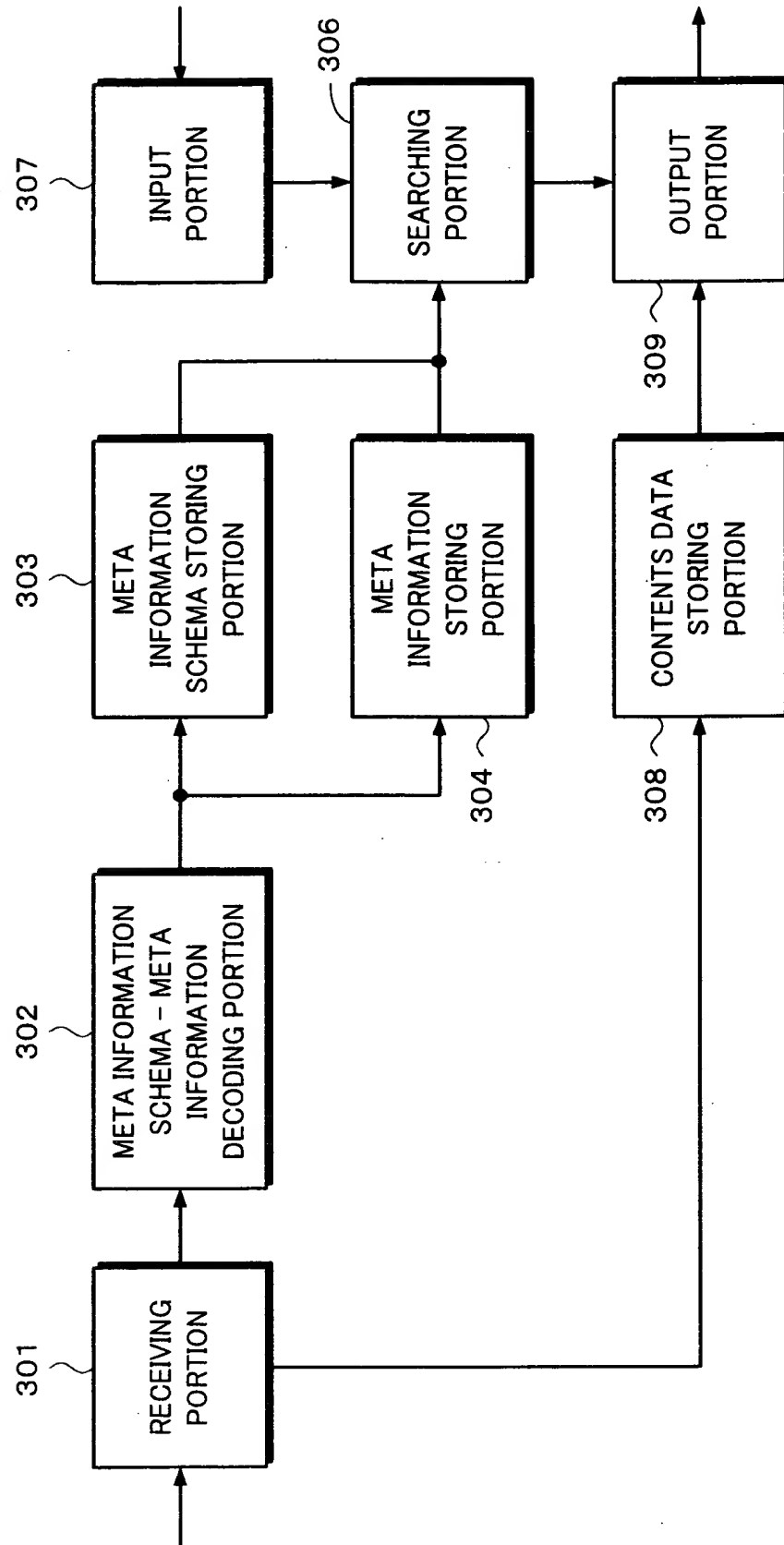
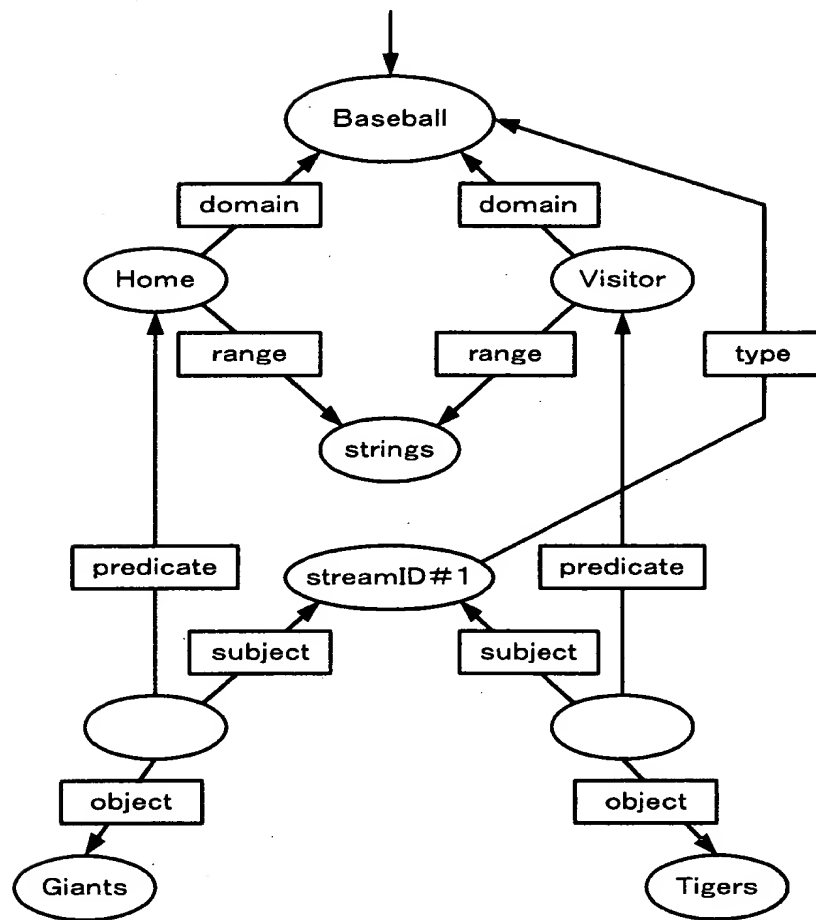


Fig. 3



**Fig. 4**

**Fig. 5**

node_id:	0
node_name:	string
node_id:	1
node_name:	"Baseball"
node_id:	2
node_name:	"Home"
relation:	domain
ref_node:	1
relation:	range
ref_node:	0
node_id:	3
node_name:	"Visitor"
relation:	domain
ref_node:	1
relation:	range
ref_node:	0
node_id:	4
node_name:	"StreamID#1"
relation:	type
ref_node:	1
node_id:	5
node_name:	"Giants"
node_id:	6
relation:	subject
ref_node:	4
relation:	predicate
ref_node:	2
relation:	object
ref_node:	5
node_id:	7
node_name:	"Tigers"
node_id:	8
relation:	subject
ref_node:	4
relation:	predicate
ref_node:	3
relation:	object
ref_node:	7

**Fig. 6**

table_type:	schema
table_id:	100
node_id:	0
node_name:	string
node_id:	1
node_name:	"Baseball"
node_id:	2
node_name:	"Home"
relation:	domain
ref_node:	1
relation:	range
ref_node:	0
node_id:	3
node_name:	"Visitor"
relation:	domain
ref_node:	1
relation:	range
ref_node:	0
table_type:	metadata
table_id:	100
node_id:	1
node_name:	"StreamID#1"
relation:	type
ref_node:	100,1
node_id:	2
node_name:	"Giants"
node_id:	3
relation:	subject
ref_node:	1
relation:	predicate
ref_node:	100,2
relation:	object
ref_node:	2
node_id:	4
node_name:	"Tigers"
node_id:	5
relation:	subject
ref_node:	1
relation:	predicate
ref_node:	100,3
relation:	object
ref_node:	4

102 BROADCASTING STATION  
204 META INFORMATION SCHEMA - META INFORMATION ENCODING PORTION  
205 META INFORMATION STORING PORTION  
207 CONTENTS DATA STORING PORTION  
302 META INFORMATION SCHEMA - META INFORMATION DECODING PORTION  
304 META INFORMATION STORING PORTION  
308 CONTENTS DATA STORING PORTION  
309 OUTPUT PORTION